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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/671,885
Filing Date	September 29, 2003
First Named Inventor	Robert A. BREYER
Art Unit	1755
Examiner Name	TBA
Attorney Docket Number	005242.00138

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,282,119	08-04-1981	Tinkelenberg et al.	
		US- 4,474,694	10-02-1984	Coco et al.	
		US- 4,554,337	11-19-1985	Krinski et al.	
		US- 4,687,826	08-18-1987	Steinmetz et al.	
		US- 5,153,242	10-06-1992	Timm et al.	
		US- 5,344,871	09-06-1994	Timm et al.	
		US- 5,455,066	10-03-1995	Broich et al.	
		US- 5,593,625	01-14-1997	Reibel et al.	
		US- 5,766,331	06-16-1998	Krinski et al.	
		US- 6,231,985	05-15-2001	Chen et al.	
		US- 6,306,997	10-23-2001	Kuo et al.	
		US- 6,365,650	04-02-2002	Chen et al.	
		US- 6,497,760	12-24-2002	Sun et al.	
		US- 6,518,387	02-11-2003	Kuo et al.	
		US- 6,719,882	04-13-2004	Vijayendran et al.	
		US- 2002/0005251 A1	01-17-2002	Sun et al.	
		US- 2003/0148084 A1	08-07-2003	Trocino et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
		EP - 0 897 513	05-03-2000	Silvestre et al.		Abs
		WO - 01/59026	08-16-2001	Trocino		.
		JP - 6200226	07-19-1994	Kounosuke		Abs
		JP - 58034877	03-01-1983	Yamaguchi et al.		Abs
		JP - 81045957	10-29-1981			Abs

Examiner
Signature

V.K. RAJURU

Date
Considered

SEP 14, 2004

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/671,885
		Filing Date	September 29, 2003
		First Named Inventor	Robert A. Breyer
		Art Unit	1755
		Examiner Name	TBA
		Attorney Docket Number	005242.00138
Sheet	2	3	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BIAN, et al., "Adhesive Performance of Modified Soy Protein Polymers" Polym. Prep., Am. Chem. Soc. Div., Polym. Chem., Vol. 39, pp. 72-73, 1998.	
		KIRK-OTHMER, "Soybeans and other Oilseeds" Encyclopedia of Chemical Technology, Vol. 21, 3 rd Ed., pp. 418-422, 1983.	
		KIRK-OTHMER, "Soybeans and Other Oilseeds" Encyclopedia of Chemical Technology, Vol. 22, 4 th Ed., pp. 591-619, 1997.	
		MO et al., "Compression and Tensile Strength of Low-Density Straw-Protein Particleboard" Industrial Crops and Products, Vol. 14, pp. 1-9, 2001.	
		HQJILLA-EVANGELISTA, et al., "Foaming Properties of Soybean Protein-Based Plywood Adhesives", JAOCS, Vol. 78, No. 6, pp. 567-572, 2001.	
		KUO, et al., "Properties of Wood/Agricultural Fiberboard Bonded with Soybean-Based Adhesives" Forest Products Journal, Vol. 48, No. 2, pp. 71-75, February 1998.	
		KRINSKI, et al., "Emerging Polymeric Materials Based on Soy Protein" American Chemical Society, pp. 299-312, 1992.	
		HQJILLA-EVANGELISTA, et al., "Adhesive Qualities of Soybean Protein-Based Foamed Plywood Glues" JAOCS, Vol. 79, No. 11, pp. 1145-1148, 2002.	
		SUN, et al., "Plastic Performance of Soybean Protein Components" JAOCS, Vol. 76, No. 1, pp. 117-123, 1999.	
		CONNER, et al., "Soybean-Based Wood Adhesives" JAOCS, Vol. 66, No. 4, pp. 437, 1989.	
		YANG, et al., "Soybean-Based Wood Adhesives for Structural Panels" Citations from Dissertation Abstracts, Vol. 63-048, pp. 1625, 2002.	

Examiner Signature	U.K. RAJGURU	Date Considered	SEP. 14, 2004
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**INFORMATION DISCLOSURE
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Sheet 3

3

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First Named Inventor	Robert A. Breyer
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		COLEN, "A Study to Ascertain the Viability of Ultrasonic Nondestructive Testing to Determine the Mechanical Characteristics of Wood/Agricultural Hardboards with Soybean Based Adhesives" UMI Dissertation Services, 1998.	
		KARCHER, "Incorporation of Corn- and Soybean-Based Materials into Plywood Adhesives" University of Illinois Thesis, pp. 115-216, 1987.	
		SCHMITT, "Startup Firm Stuck on Soybeans" Chemical Week, pp. 9, March 13, 2002.	
		PARTINGTON, "United Soybean Board Unveils Soy-Based Wood Adhesive" Adhesives Age, pp. 46, October 1996.	
		"Soybean Based Adhesives Developed for Wood Applications" Adhesives Age, pp. 40, April 1984.	
		LORENZ, et al., "The Effect of Soy Protein Additions on the Reactivity and Formaldehyde Emissions of Urea-Formaldehyde Adhesive Resins" Forest Products Journal, Vol. 49, No. 3, pp. 73-78, March 1999.	

Examiner Signature	U.K. RAJEURU	Date Considered	SEP. 14, 2004
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